

KY COVID-19 Report 02MAY21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	445,139	336,336	108,803
Deaths	6,517	5,882	635
New Cases	368	267	101
New Cases 18 and Under	77	53	24
New Deaths	3	3	0
New Audit Deaths	1	1	0
Total New Deaths	4	4	0

Duplicates and records not meeting case criteria removed since last report: 0

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
19,525	4.4%	0-9	0.0%	1
48,022	10.8%	10-19	0.0%	1
80,669	18.1%	20-29	0.1%	5
68,735	15.4%	30-39	0.5%	35
67,154	15.1%	40-49	1.7%	112
64,324	14.5%	50-59	6.0%	388
49,050	11.0%	60-69	17.1%	1,112
29,046	6.5%	70-79	27.6%	1,801
18,393	4.1%	80+	47.0%	3,062
221	0.0%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
913	0.2%	American Indian	0.1%	6
4,090	1.1%	Asian	0.5%	29
30,245	8.1%	Black	8.1%	498
376	0.1%	Pacific Islander	0.0%	3
318,457	85.5%	White	88.9%	5,488
18,416	4.9%	Multiracial	2.4%	151

Cases	Case Percent	Ethnicity	Death Percent	Deaths
19,433	5.5%	Hispanic	1.5%	90
333,603	94.5%	Non-Hispanic	98.5%	5,846

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
Race known for 83.7% of cases and 94.8% of deaths
Ethnicity known for 79.3% of cases and 91.1% of deaths

Long Term Care and Congregate Settings

Measure	Count	Percent
Cases	46,526	10.5%
Deaths	2,389	36.7%

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
1,794	52,313	3.43%

Positivity rate is calculated using electronically submitted PCRs from the past seven days.

Testing Type Summary

Total Tests	Total PCR Tests	Total Serology Tests	Total Antigen Tests	Total Positive Tests	Total PCR Positive	Total Serology Positive	Total Antigen Positive
5,557,161	4,639,522	124,833	792,806	341,478	280,830	12,223	48,425

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	21,937	4.93%
Ever ICU	4,502	1.01%
Recovered	51,514	11.57%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	416
ICU	106
On Ventilator	48

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	8,407	4,748	63.9%
ICU Beds	1,103	712	60.8%
Ventilators	472	1,308	26.5%

Current Regional Statistics

Region	COVID-19 Inpatient	COVID-19 ICU	COVID-19 on Ventilator	Inpatient Capacity Used for COVID-19	ICU Capacity Used for COVID-19	Ventilator Capacity Used for COVID-19	Inpatient Capacity in Use	ICU Capacity in Use	Ventilator Capacity in Use
Region 1	17	8	1	2.1%	7.8%	1.0%	51.39%	53.92%	7.07%
Region 2	27	9	5	3.3%	7.4%	5.9%	49.88%	48.36%	20.00%
Region 3	162	31	15	4.4%	5.8%	3.4%	65.98%	59.29%	34.17%
Region 4	32	8	4	3.8%	7.4%	3.6%	51.53%	71.30%	20.54%
Region 5	84	16	9	3.0%	3.8%	1.7%	71.61%	68.03%	33.01%
Region 6	22	5	1	1.7%	2.9%	1.0%	72.02%	43.43%	41.75%
Region 7	9	4	1	1.4%	6.3%	0.8%	71.77%	71.88%	9.17%
Region 8	38	13	7	3.2%	9.6%	4.8%	61.07%	71.32%	17.01%
Region 9	17	4	2	2.6%	3.5%	2.0%	51.80%	48.25%	6.93%
Region 10	8	8	3	1.7%	17.8%	5.1%	62.24%	86.67%	32.20%

Data is derived from the most recent report from facilities as of 12am. COVID-19 census numbers include both confirmed and suspected patients. Red shading indicates regions with current inpatient, ICU, or ventilator capacity in use 80% or higher.

Region 1:

Ballard, Caldwell, Calloway, Carlisle, Crittenden, Fulton, Graves, Hickman, Livingston, Lyon, Marshall, McCracken, Trigg

Region 2:

Christian, Daviess, Hancock, Henderson, Hopkins, McLean, Muhlenberg, Ohio, Todd, Union, Webster

Region 3:

Breckinridge, Bullitt, Grayson, Hardin, Henry, Jefferson, LaRue, Marion, Meade, Nelson, Oldham, Shelby, Spencer, Trimble, Washington

Region 4:

Allen, Barren, Butler, Edmonson, Hart, Logan, Metcalfe, Monroe, Simpson, Warren

Region 5:

Anderson, Bourbon, Boyle, Clark, Estill, Fayette, Franklin, Garrard, Harrison, Jessamine, Lincoln, Madison, Mercer, Nicholas, Powell, Scott, Woodford

Region 6:

Boone, Bracken, Campbell, Carroll, Gallatin, Grant, Kenton, Owen, Pendleton

Region 7:

Bath, Boyd, Carter, Elliott, Fleming, Greenup, Lewis, Mason, Menifee, Montgomery, Morgan, Robertson, Rowan

Region 8:

Breathitt, Floyd, Johnson, Knott, Lawrence, Lee, Leslie, Letcher, Magoffin, Martin, Owsley, Perry, Pike, Wolfe

Region 9:

Bell, Clay, Harlan, Jackson, Knox, Laurel, Rockcastle, Whitley

Region 10:

Adair, Casey, Clinton, Cumberland, Green, McCreary, Pulaski, Russell, Taylor, Wayne

Total Cases by County

County	Cases	Percent
Jefferson	79,606	17.9%
Fayette	35,389	8.0%
Kenton	16,163	3.6%
Warren	15,839	3.6%
Boone	13,750	3.1%
Daviess	10,636	2.4%
Hardin	9,623	2.2%
Madison	9,269	2.1%
Campbell	8,350	1.9%
Oldham	7,524	1.7%
Bullitt	7,145	1.6%
Christian	6,875	1.5%
Laurel	6,604	1.5%
McCracken	6,509	1.5%
Pulaski	6,260	1.4%
Pike	5,502	1.2%
Boyd	4,914	1.1%
Whitley	4,902	1.1%
Scott	4,894	1.1%
Nelson	4,888	1.1%
Henderson	4,715	1.1%
Shelby	4,641	1.0%
Jessamine	4,551	1.0%
Barren	4,434	1.0%
Hopkins	4,432	1.0%
Graves	4,164	0.9%
Franklin	4,005	0.9%
Greenup	3,561	0.8%
Calloway	3,504	0.8%
Boyle	3,401	0.8%

County	Cases	Percent
Floyd	3,381	0.8%
Knox	3,340	0.8%
Bell	3,084	0.7%
Taylor	3,049	0.7%
Muhlenberg	2,919	0.7%
Clark	2,836	0.6%
Logan	2,830	0.6%
Harlan	2,802	0.6%
Marshall	2,759	0.6%
Clay	2,654	0.6%
Perry	2,638	0.6%
Montgomery	2,610	0.6%
Mercer	2,534	0.6%
Ohio	2,440	0.5%
Lincoln	2,290	0.5%
Marion	2,289	0.5%
Carter	2,261	0.5%
Grant	2,251	0.5%
Morgan	2,238	0.5%
Rowan	2,211	0.5%
Wayne	2,142	0.5%
Grayson	2,133	0.5%
Woodford	2,133	0.5%
Simpson	2,079	0.5%
Allen	2,054	0.5%
Meade	2,013	0.5%
McCreary	1,973	0.4%
Hart	1,966	0.4%
Johnson	1,928	0.4%
Letcher	1,894	0.4%

County	Cases	Percent
Adair	1,847	0.4%
Russell	1,820	0.4%
Anderson	1,728	0.4%
Harrison	1,679	0.4%
Bourbon	1,677	0.4%
Mason	1,661	0.4%
Spencer	1,594	0.4%
Lyon	1,526	0.3%
Garrard	1,514	0.3%
Rockcastle	1,492	0.3%
Caldwell	1,447	0.3%
Butler	1,444	0.3%
Clinton	1,442	0.3%
Washington	1,432	0.3%
Lawrence	1,426	0.3%
Casey	1,381	0.3%
Henry	1,346	0.3%
Union	1,332	0.3%
Monroe	1,327	0.3%
Larue	1,313	0.3%
Jackson	1,303	0.3%
Lewis	1,291	0.3%
Trigg	1,281	0.3%
Lee	1,272	0.3%
Powell	1,243	0.3%
Breckinridge	1,241	0.3%
Webster	1,238	0.3%
Green	1,201	0.3%
Fleming	1,170	0.3%
Knott	1,138	0.3%

County	Cases	Percent
Todd	1,122	0.3%
Estill	1,072	0.2%
Metcalfe	1,036	0.2%
Martin	1,027	0.2%
Pendleton	1,022	0.2%
Carroll	996	0.2%
Breathitt	993	0.2%
Elliott	961	0.2%
Bath	959	0.2%
Magoffin	945	0.2%
Leslie	909	0.2%
Edmonson	902	0.2%
Hancock	878	0.2%
McLean	878	0.2%
Livingston	842	0.2%
Cumberland	698	0.2%
Gallatin	692	0.2%
Trimble	680	0.2%
Owen	661	0.1%
Crittenden	656	0.1%
Bracken	622	0.1%
Nicholas	541	0.1%
Wolfe	516	0.1%
Fulton	511	0.1%
Owsley	490	0.1%
Carlisle	470	0.1%
Menifee	470	0.1%
Ballard	394	0.1%
Hickman	375	0.1%
Robertson	225	0.1%

Total Cases
445,139

New Cases by County

County	Cases	Percent
Jefferson	92	25.0%
Fayette	33	9.0%
Daviess	17	4.6%
Boone	14	3.8%
Hopkins	11	3.0%
Warren	11	3.0%
Shelby	10	2.7%
Trigg	9	2.4%
Madison	7	1.9%
Bullitt	6	1.6%
Greenup	6	1.6%
Jessamine	6	1.6%
Kenton	6	1.6%
Boyd	5	1.4%
Floyd	5	1.4%
Hardin	5	1.4%
Henderson	5	1.4%
Barren	4	1.1%
Christian	4	1.1%
Crittenden	4	1.1%
Grayson	4	1.1%
Harrison	4	1.1%
Livingston	4	1.1%
McCracken	4	1.1%
Marion	4	1.1%
Powell	4	1.1%
Pulaski	4	1.1%
Campbell	3	0.8%
Fleming	3	0.8%
Franklin	3	0.8%

County	Cases	Percent
Grant	3	0.8%
Graves	3	0.8%
Lawrence	3	0.8%
Lyon	3	0.8%
Oldham	3	0.8%
Scott	3	0.8%
Taylor	3	0.8%
Boyle	2	0.5%
Harlan	2	0.5%
Hickman	2	0.5%
Laurel	2	0.5%
Lewis	2	0.5%
Lincoln	2	0.5%
Marshall	2	0.5%
Martin	2	0.5%
Menifee	2	0.5%
Ohio	2	0.5%
Perry	2	0.5%
Rowan	2	0.5%
Wolfe	2	0.5%
Bath	1	0.3%
Bourbon	1	0.3%
Butler	1	0.3%
Caldwell	1	0.3%
Casey	1	0.3%
Fulton	1	0.3%
Henry	1	0.3%
Johnson	1	0.3%
Knox	1	0.3%
Logan	1	0.3%

County	Cases	Percent
Magoffin	1	0.3%
Mason	1	0.3%
Mercer	1	0.3%
Metcalfe	1	0.3%
Montgomery	1	0.3%
Nelson	1	0.3%
Pike	1	0.3%
Robertson	1	0.3%
Simpson	1	0.3%
Spencer	1	0.3%
Washington	1	0.3%
Wayne	1	0.3%
Whitley	1	0.3%
Woodford	1	0.3%
Adair	0	0.0%
Allen	0	0.0%
Anderson	0	0.0%
Ballard	0	0.0%
Bell	0	0.0%
Bracken	0	0.0%
Breathitt	0	0.0%
Breckinridge	0	0.0%
Calloway	0	0.0%
Carlisle	0	0.0%
Carroll	0	0.0%
Carter	0	0.0%
Clark	0	0.0%
Clay	0	0.0%
Clinton	0	0.0%
Cumberland	0	0.0%

County	Cases	Percent
Edmonson	0	0.0%
Elliott	0	0.0%
Estill	0	0.0%
Gallatin	0	0.0%
Garrard	0	0.0%
Green	0	0.0%
Hancock	0	0.0%
Hart	0	0.0%
Jackson	0	0.0%
Knott	0	0.0%
Larue	0	0.0%
Lee	0	0.0%
Leslie	0	0.0%
Letcher	0	0.0%
McCreary	0	0.0%
McLean	0	0.0%
Meade	0	0.0%
Monroe	0	0.0%
Morgan	0	0.0%
Muhlenberg	0	0.0%
Nicholas	0	0.0%
Owen	0	0.0%
Owsley	0	0.0%
Pendleton	0	0.0%
Rockcastle	0	0.0%
Russell	0	0.0%
Todd	0	0.0%
Trimble	0	0.0%
Union	0	0.0%
Webster	0	0.0%

Total New Cases
368

Total Deaths by County

County	Deaths	Percent
Jefferson	1,178	18.1%
Fayette	294	4.5%
Daviess	182	2.8%
Kenton	171	2.6%
Warren	169	2.6%
Hardin	154	2.4%
Hopkins	145	2.2%
Boone	120	1.8%
McCracken	120	1.8%
Madison	109	1.7%
Christian	104	1.6%
Pike	94	1.4%
Pulaski	94	1.4%
Graves	92	1.4%
Barren	91	1.4%
Harlan	83	1.3%
Oldham	82	1.3%
Boyd	73	1.1%
Bullitt	72	1.1%
Henderson	71	1.1%
Boyle	70	1.1%
Campbell	70	1.1%
Laurel	70	1.1%
Shelby	70	1.1%
Floyd	65	1.0%
Perry	65	1.0%
Jessamine	64	1.0%
Logan	64	1.0%
Muhlenberg	61	0.9%
Greenup	59	0.9%

County	Deaths	Percent
Marshall	56	0.9%
Whitley	55	0.8%
Adair	54	0.8%
Bell	54	0.8%
Grayson	54	0.8%
Ohio	53	0.8%
Nelson	52	0.8%
Calloway	51	0.8%
Lincoln	50	0.8%
Mercer	50	0.8%
Franklin	46	0.7%
Hart	46	0.7%
Taylor	46	0.7%
Clay	44	0.7%
Wayne	44	0.7%
Russell	43	0.7%
Letcher	42	0.6%
Monroe	41	0.6%
Allen	40	0.6%
Marion	37	0.6%
Knox	36	0.6%
Simpson	36	0.6%
Washington	36	0.6%
Casey	35	0.5%
Garrard	35	0.5%
Lewis	35	0.5%
Carter	34	0.5%
Johnson	34	0.5%
Mason	34	0.5%
Jackson	32	0.5%

County	Deaths	Percent
Scott	32	0.5%
Clinton	31	0.5%
Caldwell	30	0.5%
Montgomery	30	0.5%
Clark	29	0.4%
McCreary	29	0.4%
Gallatin	28	0.4%
McLean	27	0.4%
Larue	26	0.4%
Lee	26	0.4%
Metcalfe	26	0.4%
Meade	25	0.4%
Todd	25	0.4%
Butler	24	0.4%
Knott	23	0.4%
Fleming	22	0.3%
Harrison	22	0.3%
Rockcastle	22	0.3%
Spencer	22	0.3%
Anderson	21	0.3%
Bath	21	0.3%
Crittenden	21	0.3%
Edmonson	21	0.3%
Lawrence	21	0.3%
Livingston	20	0.3%
Martin	20	0.3%
Rowan	20	0.3%
Webster	20	0.3%
Carroll	19	0.3%
Lyon	19	0.3%

County	Deaths	Percent
Woodford	19	0.3%
Grant	18	0.3%
Menifee	16	0.2%
Breckinridge	15	0.2%
Green	15	0.2%
Hancock	15	0.2%
Union	15	0.2%
Bourbon	14	0.2%
Fulton	14	0.2%
Magoffin	14	0.2%
Owsley	14	0.2%
Robertson	14	0.2%
Trigg	14	0.2%
Henry	13	0.2%
Owen	13	0.2%
Powell	12	0.2%
Estill	11	0.2%
Cumberland	10	0.2%
Hickman	10	0.2%
Carlisle	9	0.1%
Ballard	8	0.1%
Breathitt	8	0.1%
Nicholas	8	0.1%
Bracken	7	0.1%
Leslie	7	0.1%
Trimble	7	0.1%
Wolfe	5	0.1%
Pendleton	4	0.1%
Morgan	3	0.0%
Elliott	2	0.0%

Total Deaths
6,517

Incidence Rates by County

Average daily new cases per 100,000 population based on previous seven days

County	Rate
Powell	62.4
Robertson	54.2
Lewis	39.8
Menifee	33.0
Bath	30.9
Hickman	29.4
Todd	27.9
Simpson	27.7
Mason	24.3
Wolfe	22.0
Marion	20.0
Nicholas	19.7
Fleming	19.6
Monroe	18.8
Knox	18.3
Hopkins	18.2
Daviess	17.6
Montgomery	16.7
Johnson	16.7
Hancock	16.4
Taylor	16.1
Lawrence	15.9
Warren	15.4
Rowan	15.2
Morgan	15.0
Shelby	14.9
Harlan	14.8
Floyd	14.0
Trimble	13.5
Barren	13.2

County	Rate
Christian	13.2
Leslie	13.0
Jefferson	12.9
Marshall	12.9
Graves	12.7
Fayette	12.5
McCracken	12.4
Grayson	12.4
Henry	12.4
Hardin	12.4
Caldwell	12.3
Lincoln	12.2
Garrard	12.1
Larue	11.9
Oldham	11.5
Casey	11.5
Harrison	11.3
Adair	11.2
Clark	11.0
Bullitt	11.0
Boyd	10.7
Knott	10.6
Russell	10.4
Spencer	10.3
Bracken	10.3
Muhlenberg	10.3
Henderson	10.1
Boyle	10.0
Webster	9.9
Madison	9.7

County	Rate
Lee	9.6
Fulton	9.6
Logan	9.5
Pulaski	9.5
Washington	9.4
Bourbon	9.4
Pendleton	8.8
Whitley	8.7
Woodford	8.5
Greenup	8.5
Metcalfe	8.5
Laurel	8.5
Hart	8.3
Edmonson	8.2
Jessamine	8.2
Allen	8.0
Grant	8.0
Letcher	8.0
Clay	7.9
McLean	7.8
Nelson	7.7
Martin	7.7
Anderson	7.5
Mercer	7.2
Ohio	7.1
Bell	7.1
Estill	7.1
Magoffin	7.0
Lyon	7.0
Boone	6.8

County	Rate
Kenton	6.8
Franklin	6.7
Carroll	6.7
Butler	6.7
Perry	6.7
Meade	6.5
Pike	6.4
Breckinridge	6.3
Carlisle	6.0
Rockcastle	6.0
Scott	5.3
Campbell	5.0
Cumberland	4.3
Carter	4.3
Owen	3.9
Green	3.9
Calloway	3.7
Owsley	3.2
Gallatin	3.2
Jackson	3.2
Union	3.0
Trigg	2.0
Elliott	1.9
Livingston	1.6
Wayne	1.4
Breathitt	1.1
McCreary	0.8
Ballard	0.0
Clinton	0.0
Crittenden	0.0

Current Overall Incidence Rate
11.27 per 100k population

The average daily incidence rates are calculated using the number of cases with an investigation start date in the previous seven days and a specimen collection date or onset date less than 14 days prior to the investigation start date. Populations used for the rate calculation are the 2019 estimates from the US Census Bureau.